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		<i>DB=PGPB,USPT,EPAB,JPAB,DWPI,TDBD; PLUR=YES; OP=ADJ</i>	
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<input type="checkbox"/>	L32	(700/245,247,248,249,250,251,252,253,254,258,259,260,261,262,263,264 or 414/754,575,777,814,783,936 or 318/568.1 or 74/490.03 or 901/16,47).ccls.	5827
<input type="checkbox"/>	L31	part\$ and assembl\$3 and L30	18
<input type="checkbox"/>	L30	(4894788   4590578   5299288   5305427   5408409   6013997   4880992   5929584   4485453   4595334   4815006   5177563   5297238   5523663   5740328   6101455   6252544   6429812   6591160   6044308   4887222   5572103   4505049   4528632   4613943   4875172   4937759   4973215   4975856   4987527   5053976   5191639   5208763   5276777   5285525   5297023   5327057   5331413   5333242   5347616   5542028   5581166   5808887   5870303   6751526   4392766   4792228   5303333   5455497   5559695).pn.	98
<input type="checkbox"/>	L29	robot\$6 and calibrations and control\$4 and (location\$ or position\$) and coordinat\$3	4459
<input type="checkbox"/>	L28	l10 and L27	102
<input type="checkbox"/>	L27	(failure or brake down or brakedown) and mode and L26	609
<input type="checkbox"/>	L26	robot\$6 and control\$3 and assembl\$3 and configuration and image and calibration and operation and user	1442
<input type="checkbox"/>	L25	robot\$6 and control\$3 and assembl\$3 and self configuration and image and calibration and operation and user	11
<input type="checkbox"/>	L24	robot\$6 and contrtol\$3 and assembl\$3 and calibration	0
<input type="checkbox"/>	L23	robot\$6 and contrtol\$3 and assembl\$3 and image and calibration	0
<input type="checkbox"/>	L22	robot\$6 and contrtol\$3 and assembl\$3 and test and image and calibration	0
<input type="checkbox"/>	L21	robot\$6 and contrtol\$3 and assembl\$3 and teat and image and calibration	0
<input type="checkbox"/>	L20	robot\$6 and contrtol\$3 and assembl\$3 and self configuration and image and calibration	0
<input type="checkbox"/>	L19	robot\$6 and contrtol\$3 and assembl\$3 and self configuration and image and calibration and operation and user	0
<input type="checkbox"/>	L18	(5963712)! .ABPN1,NRPN,PN,TBAN,WKU.	2
<input type="checkbox"/>	L17	check\$3 and L15	1
<input type="checkbox"/>	L16	(test or diagnos\$3) and L15	0
<input type="checkbox"/>	L15	rotation direction and L14	2
<input type="checkbox"/>	L14	motor and L13	10
<input type="checkbox"/>	L13	robot\$6 and (user or operator) and L12	10
<input type="checkbox"/>	L12	(4541770   4868474   4953075   5029065   5293107   5428470   5581166   5844145   5914876   5963712   5995882   6182203).pn.	23
<input type="checkbox"/>	L11	10/250549	2
<input type="checkbox"/>	L10	L9 and calibration and wafer	382
<input type="checkbox"/>	L9	robot\$6 and (semiconductor or chip or microprocessor or memory or ram or rom or ic or integrated circuit) (processing or manufactur\$3 or fabrication) and (vision or visual or camera or	1555

video) and transmit\$4

<input type="checkbox"/>	L8	('5646776'  '5446584'  '5331458')!.ABPN1,NRPN,PN,TBAN,WKU.	4
<input type="checkbox"/>	L7	camera and L6	11
<input type="checkbox"/>	L6	(speciment or semiconductor) and L5	133
<input type="checkbox"/>	L5	L1 or L3	404
<input type="checkbox"/>	L4	L1 and L3	0
<input type="checkbox"/>	L3	robot and L2	229
<input type="checkbox"/>	L2	phillip.in.	31309
<input type="checkbox"/>	L1	bacchi.in.	175

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**Key:** IEEE JNL = IEEE Journal or Magazine, IEE JNL = IEE Journal or Magazine, IEEE CNF = IEEE Conference, IEE CNF = IEE Conference, IEEE STD = IEEE Standard

1. **Proceedings 1999 IEEE International Conference on Robotics and Automation (Cat. No.99CH36288C)**  
 Robotics and Automation, 1999. Proceedings. 1999 IEEE International Conference on  
 Volume 1, 10-15 May 1999  
 IEEE CNF
2. **Proceedings. 1998 IEEE/RSJ International Conference on Intelligent Robots and Systems. Innovations in Theory, Practice and Applications (Cat. No.98CH36190)**  
 Intelligent Robots and Systems, 1998. Proceedings., 1998 IEEE/RSJ International Conference on  
 Volume 1, 13-17 Oct. 1998  
 IEEE CNF
3. **Robotic motion planning and manipulation in an uncalibrated environment**  
 Ghosh, B.K.; Tzyh Jong Tarn; Ning Xi; Zhenyu Yu; Di Xiao;  
 Robotics & Automation Magazine, IEEE  
 Volume 5, Issue 4, Dec. 1998 Page(s):50 - 57  
 IEEE JNL
4. **Planning and control of self-calibrated manipulation for a robot on a mobile platform**  
 Di Xiao; Ghosh, B.K.; Ning Xi; Tzyh-Jong Tarn;  
 Robotics and Automation, 1997. Proceedings., 1997 IEEE International Conference on  
 Volume 2, 20-25 April 1997 Page(s):1406 - 1411 vol.2  
 IEEE CNF
5. **Calibration free visually controlled manipulation of parts in a robotic manufacturing workcell**  
 Ghosh, B.K.; Tzyh-Jong Tarn; Ning Xi; Zhenyu Yu; Di Xiao;  
 Robotics and Automation, 1996. Proceedings., 1996 IEEE International Conference on  
 Volume 4, 22-28 April 1996 Page(s):3197 - 3202 vol.4  
 IEEE CNF
6. **A framework for vision-guided manipulation of a moving target**  
 Sharma, R.; Herve, J.-Y.; Cucka, P.;  
 Systems, Man, and Cybernetics, 1991. 'Decision Aiding for Complex Systems, Conference Proceedings., 1991 IEEE International Conference on  
 13-16 Oct. 1991 Page(s):213 - 218 vol.1  
 IEEE CNF

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Scholarly articles for **Multisensor based intelligent planning and control for robotic manipulators on a mobile platform**



[Behavior coordination using multiple-objective decision ...](#) - Pirjanian - Cited by 19

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[CAMPOUT: a control architecture for tightly coupled ...](#) - Huntsberger - Cited by 25

**[PDF] Multisensor Based Intelligent Planing And Control For Robotic ...**

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Nmultisensor **Based Intelligent Planning. and. Control. for. Robotic.**

**Manipulators on. a. Mobile Platform. \*. Bijoy. K. Ghosh, Di Xiao, ...**

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**Multisensor based intelligent planning and control for**

roboticmanipulators on a **mobile platform**. Ghosh, B.K. Di Xiao Ning Xi

Tzyh Jong Tarn Dept. of Syst. ...

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## **Robotics**

Di Xiao, Bijoy Ghosh, Ning Xi, Tzyh-Jong Tarn, **"Multi-Sensor Based Intelligent Planning and Control for Robotic Manipulators on a Mobile Platform"**, Nov. ...

[www.egr.msu.edu/~ralab-web/cgi-bin/robotics.php](http://www.egr.msu.edu/~ralab-web/cgi-bin/robotics.php) - 17k -

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[ICGST International Conference on Automation, Robotics and ...](#)

**Robot intelligent control:** fuzzy, neural, neuro-fuzzy, genetic controllers, SVM, ... vision **based** human motion detection, and **manipulator path planning. ...**

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**INTELLIGENT ROBOTS: DO WE NEED THEM AND CAN THEY BE BUILT? This ...**

These include mobility systems, multiple sensors, **robot manipulators** (arms), ... to work on **multisensor** systems for **intelligent** machines and **mobile** robots. ...

[www.ornl.gov/ORNLRReview/rev26-1/net526.html](http://www.ornl.gov/ORNLRReview/rev26-1/net526.html) - 22k -

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**[PDF] Multi-agent Based Distributed Control System for an Intelligent Robot**

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wheel **mobile platform**; f) **control** subsystem, which is. distributed on several computers. The joint axes ... **dual-manipulator intelligent robot** system. And ...

doi.ieeecomputersociety.org/10.1109/SCC.2004.1358080 - [Similar pages](#)

[Proceedings IROS 2000 Conference on \*\*Intelligent Robots and Systems\*\* ...](#)

[Proceedings IROS 2000 Conference on \*\*Intelligent Robots and Systems\*\*, Takamatsu, Japan \*\*Planning and Model-Based Control for Mobile Manipulators\*\* \(Make ...](#)

[citeseer.ist.psu.edu/623130.html](#) - 19k - [Cached](#) - [Similar pages](#)

[Open Directory - Computers: \*\*Robotics\*\*: Research](#)

Research topics include dexterous manipulation, vision-**based** world modeling for **mobile robot** exploration, and collective **robotic intelligence**.

**Control** ...

[dmoz.org/Computers/\*\*Robotics\*\*/Research/](#) - 45k - [Cached](#) - [Similar pages](#)

[Duke \*\*Robotics\*\* Publications](#)

April 2004 - Ram Parami presented "**Intelligent Control for Mobile Robot Navigation**" ... to Multiple **Manipulators** for Path **Planning** and Torque Minimization, ...

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3D GRASP SYNTHESIS **BASED** ON OBJECT EXPLORATION Eris

Chinellato, ... Jianwei Zhang and Werner Neddermeyer **OPTIMAL**

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**Publications - Center for Robotics and Automation**

Zhen Yu Yu, Bijoy Ghosh, N. Xi, and T.J. Tarn, **Visually Controlled Manipulation of Parts in a Manufacturing Workcell Using a Robotic Manipulation, ...**

[wuauto.wustl.edu/publications.shtml](http://wuauto.wustl.edu/publications.shtml) - 13k - [Cached](#) - [Similar pages](#)

**Manufacturing Automation**

Bijoy Ghosh, Ning Xi, Tzyh-Jong Tarn, "**Calibration Free Visually Controlled Manipulation of Parts in a Robotics Manufacturing Workcell**", IEEE International ...

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